

Number	Subject	SFU	UBC	UVIC	UBC-O	UNBC	CAMOSUN	CAPILANO	DOUGLAS	KWANTLEN	LANGARA	MALASPINA	N. CALEDONIA	NORTHERN L	NORTHWEST	OPEN U	ROCKIES	SELKIRK	THOMPSON	TRINITY W	UCFV	YUKON
Introductory Courses That Are Not Required by AP/IB/BC But Are Prerequisite Courses																						
	Physical Geography	GEOS 111	GEOS 101	GEOS 111		GEOS 200	GEOS 112	GEOS 110	GEOS 110	GEOS 110	GEOS 110	GEOS 110	GEOS 201 + 202		GEOS 150 + GEOS 160	GEOS 110 or 111	GEOS 101 + 102	GEOS 130	GEOS 112 or 122	GEOS 101 + 102	GEOS 101 or 102	GEOS 101 or 102
	Oceans/Atmospheres	EASC 101	EOSC 112	EOSC 110		EOSC 110									GEOS 157	GEOL 105	GEOL 132	GEOL 111	GEOL 109			GEOL 105
	Physical Geology	EASC 210	EOSC 222	EOSC 230	EESC 121	GEOS 101	GEOL 111	GEOL 120	GEOL 120	GEOL 120	GEOL 120	GEOL 120	GEOL 205	GEOL 112	GEOL 158	GEOL 106	GEOL 142	GEOL 205				
Common To All Geoscience Sciences (1 of 4 Required)																						
FS-A1	Calculus (2 semesters)	MATH 151 + 152 or MATH 154 + 155	MATH 100 + 101 or MATH 120 + 121	MATH 100 + 101	MATH 112 + 122	MATH 100 + 101	MATH 100 + 101	MATH 116/117	MATH 1120	MATH 1120 + 1220	MATH 1171	MATH 121 + 122			MATH 101 + 102	MATH 120 + 104	MATH 103 + 105	MATH 100 + 104	MATH 114/124	MATH 123 + 124	MATH 111 + 112	MATH 100 + 101
FS-A2	Physics (2 semesters)	PHYS 101 + 102 + 130 or PHYS 120 + 121 + 131	PHYS 101 + 102	PHYS 101 + 102	PHYS 112 + 122 or PHYS 111 + 112	PHYS 110 + 101	PHYS 114 + 115	PHYS 114 + 115	PHYS 110 + 1220	PHYS 1100,		PHYS 121 + 122			PHYS 101 + 102	PHYS 103 + 104	PHYS 104 + 105	PHYS 104 + 105	PHYS 110/120 or 112	PHYS 111 + 112	PHYS 101 + 102	PHYS 101 + 102
FS-A3	Chemistry (2 semesters)	CHEM 121 + 122 or CHEM 122 + 126	CHEM 101 + 102	CHEM 101 + 102	CHEM 112 + 122 or CHEM 111 + 112	CHEM 100 + 101 + CHEM 120 + 121	CHEM 120 + 121	CHEM 110 + 111	CHEM 110 + 1220	CHEM 1100,		CHEM 121 + 122			CHEM 101 + 102	CHEM 101 + 104	CHEM 122 + 105	CHEM 102 + 104	CHEM 110/120 or 112	CHEM 111 + 112	CHEM 111 + 112	CHEM 110 + 102
FS-A4	Biology (2 semesters)	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102		BISC 101 + 102			BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102	BISC 101 + 102
Common To All Geosciences - GE-EOCOM - Compulsory (1 of 3 Required)																						
COM-A1	Introduction to Mineralogy/Petrology	EASC 202/209	EOSC 220/221	EOSC 209	EESC 203/201	GEOS 250		GEOL 300/410				GEOL 200										GEOL 210/215
COM-A2	Introduction to Sedimentation and Stratigraphy	EASC 201	EOSC 330	EOSC 201	EESC 356	GEOS 240		GEOL 420				GEOL 201						GEOL 220				GEOL 229
COM-A3	Introduction to Structure and Tectonics	EASC 204	EOSC 303	EOSC 202	EESC 325	GEOS 498						GEOL 202										GEOL 307
Common To All Geosciences - GE-EOCOM - Electives (3 of 8 Required)																						
COM-B1	Intermediate Mathematics	Any 200 Level MATH or higher	Any 200 Level MATH or higher	Any 200 Level MATH or higher	Any 200 Level MATH or higher	Any 200 Level MATH or higher						Any 200 Level MATH or higher										
COM-B2	Intermediate Chemistry	Any 200 Level CHEM or higher	Any 200 Level CHEM or higher	Any 200 Level CHEM or higher	Any 200 Level CHEM or higher	Any 200 Level CHEM or higher						Any 200 Level CHEM or higher										
COM-B3	Intermediate Physics	Any 200 Level PHYS or higher	Any 200 Level PHYS or higher	Any 200 Level PHYS or higher	Any 200 Level PHYS or higher	Any 200 Level PHYS or higher						Any 200 Level PHYS or higher										
COM-B4	Introduction to Intermediate Biology	Any 100 Level BIOL or higher	Any 100 Level BIOL or higher	Any 100 Level BIOL or higher	Any 100 Level BIOL or higher	Any 100 Level BIOL or higher						Any 100 Level BIOL or higher										Any 100 or 200 Level BIOL or higher
COM-B5	Introduction to Computing	Any 100 Level CPMT or higher	Any 100 Level CPMT or higher	Any 100 Level CPMT or higher	Any 100 Level CPMT or higher	Any 100 Level CPMT or higher						Any 100 Level CPMT or higher										CPSC 111
COM-B6	Economics	Any 100 Level ECON or higher	Any 100 Level ECON or higher	Any 100 Level ECON or higher	Any 100 Level ECON or higher	Any 100 Level ECON or higher						Any 100 Level ECON or higher										ECON 111 or 112
COM-B7	Probability and Statistics	STAT 101 or 201 or 270	STAT 101 or 201 or 270	STAT 101 or 201 or 270	STAT 101 or 201 or 270	STAT 101 or 201 or 270						STAT 101 or 201 or 270										MATH 131
COM-B8	Technical Writing	EASC 300 or 400 or ENSC 101	ENGL 201 or 281	ENGL 201 or 281	ENGL 201 or 281	ENGL 201 or 281						ENGL 201 or 281										ENGL 151
Specific to Geology - GE-GL - Compulsory (1 of 7 Required)																						
GL-A1	Introduction to Geomorphology	EOSC 213	EOSC 330	EOSC 376	EOSC 222 or 376	GEOS 210		GEOS 230	GEOS 220	GEOS 376	GEOS 376				GEOS 203							GEOS 319
GL-A2	Introduction to Geochemistry	EASC 208	EOSC 307	EOS 240	EESC 323	CHEM 27						GEOL 308										GEOS 232
GL-A3	Introduction to Applied Geophysics	EASC 207	EOSC 282	EOS 480	GEOP 360																	GEOL 301
GL-A4	Introduction to Paleontology	EASC 310	EOSC 222 + 350 or 361	EOS 330	EESC 341																	
GL-A5/ GL-A6/ ANY TWO OF	Igneous Petrology	EASC 301	EOSC 321	EOS 310	EESC 322																	GEOS 452/470
	Metamorphic Petrology	EASC 301	EOSC 322	EOS 320	EESC 322																	
	Sedimentary Petrology	EASC 303	EOSC 421	EOS 410																		
GL-A7	Regional Geology	EASC 309	EOSC 332	EOS 410																		
Specific to Geology - GE-GL - Compulsory (1 of 1 Required)																						
L-C3	Field Work	EASC 206 + 306 or 406/416	EOSC 223 + 328	EOS 400	EESC 335 and 1 427	GEOS 333						GEOL 2206										GEOL 328
Specific to Geology - GE-GL - Electives (6 of 21 Required)																						
GL-C1	Advanced Mineralogy		EOSC 400		EESC 401																	
GL-C2	Igneous Geology	EASC 420	EOSC 430 or 530									GEOL 300										
GL-C3	Metamorphic Geology	EASC 408	EOSC 534																			
GL-C4	Sedimentary Geology	EASC 402 or 411				GEOS 240																
GL-C5	Advanced Structure and Tectonics	EASC 308 or 404	EOSC 422																			
GL-C6	Advanced Geomorphology	GEOS 313 or 405 or 406 or 412 or 413	GEOS 308 or 405 or 406 or 408	GEOS 476	EESC 435	GEOS 311						GEOS 452 (in step.)										GEOS 302/304
GL-C7	Advanced Paleontology	EOSC 434	EOSC 425	EOS 508																		
GL-C8	Advanced Geochemistry	EASC 412		EOS 426 or 430 or 504	EESC 423																	
GL-C9	Advanced Geophysics	EOSC 307 or 317 or 417	EOSC 400 Level or higher																			
GL-C10	Mineral Deposits	EASC 401	EOSC 331	EOS 420 or 505	EESC 360																	
Specific to Geology - GE-GL - Electives (6 of 21 Required)																						
GL-C11	Clay Petrology		EOSC 424																			
GL-C12	Mineral Evolution		EOSC 420																			
GL-C13	Petroleum Geology	EASC 420	EOSC 432	EOSC 422																		
GL-C14	Resource Evaluation																					
GL-C15	Coal Geology		EOSC 432 or 528																			
GL-C16	Industrial Minerals																					
GL-C17	Quaternary Geology	EASC 403 or EOSC 412	GEOS 308 or 412	EOS 450	EESC 431	GEOS 411																GEOS 402
GL-C18	Hydrogeology	EASC 329	EOSC 329	EOS 440	EESC 342	ENSC 451						GEOL 304										
GL-C19	Groundwater Contamination	EASC 410	EOSC 429		ENSC 308	ENVR 217																
GL-C20	Marine Geology		EOSC 406	EOS 408 or 508 or EOS-BIOL 311																		
GL-C21	Introduction to Soil Science	GEOS 317	SOIL 200	GEOS 379	EESC 456	FSY 205																FRST 232
GL-C22	Engineering Geology	EASC 413	EOSC 434																			
GL-C23	Environmental Geology	EASC 303 or 411																				
GL-C24	Geoscience Computer Applications	GEOS 352 or 451	EOSC 211	CSC 242																		
GL-C25	Geographic and Spatial Data Analysis	GEOS 256	GEOS 270	GEOS 222 or 308 or 328 or 328	GEOS 370	GEOS 300																
GL-C26	Remote Sensing of the Earth's Surface	GEOS 353	GEOS 373	GEOS 228 or 319 or 322	GEOS 272	GEOS 432						GEOS 326										253/353
GL-C27	Aerial Photo Interpretation	GEOS 253	GEOS 373	GEOS 222	GEOS 272	GEOS 205																
GL-C28	Advanced Course in Geoscience	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course																GEOL 470 or 301
GL-C29	Advanced Course in Geoscience	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course																
GL-C30	Thesis in Geoscience	EASC 499	EOSC 447 or 448	EOS 499	EESC 449	GEOS 430 or ENSC 430																
GL-31*	GL-A1, A2, A3, A4, A5, A6, A7. All not used above	See above	See above	See above	See above	See above																
* Candidates who have taken all the courses in GL-C1 - C30 (if required) can take this extra course here																						
Number	Subject	SFU	UBC	UVIC	UBC-O	UNBC	CAMOSUN	CAPILANO	DOUGLAS	KWANTLEN	LANGARA	MALASPINA	N. CALEDONIA	NORTHERN L	NORTHWEST	OPEN U	ROCKIES	SELKIRK	THOMPSON	TRINITY W	UCFV	YUKON